

ONR BAA Announcement # BAA 06-025



BROAD AGENCY ANNOUNCEMENT (BAA)

INTRODUCTION:

This publication constitutes a Broad Agency Announcement (BAA) as contemplated in Federal Acquisition Regulation (FAR) 6.102(d)(2). A formal Request for Proposals (RFP), solicitation, and/or additional information regarding this announcement will not be issued.

The Office of Naval Research (ONR) will not issue paper copies of this announcement. The ONR reserves the right to select for award all, some, or none of the proposals in response to this announcement. The ONR reserves the right to fund all, some, or none of the proposals received under this BAA. ONR provides no funding for direct reimbursement of proposal development costs. Technical and cost proposals (or any other material) submitted in response to this BAA will not be returned. It is the policy of ONR to treat all proposals as sensitive competitive information and to disclose their contents only for the purposes of evaluation.

It is anticipated that awards will take the form of Cost Plus Fixed Fee (CPFF) contracts. Therefore, all proposals submitted as a result of this announcement will fall under the purview of the Federal Acquisition Regulations (FAR).

I. GENERAL INFORMATION

1. Agency Name

Office of Naval Research
One Liberty Center
875 North Randolph St., Suite 1425
Arlington, VA 22203-1995

2. Research Opportunity Title: Phase 2 Implementation of the Navy Facility Open Access Technology and Processes

3. Program Name: Pacific Missile Range Facility (PMRF) Base Protection Laboratory (PBPL)

4. Research Opportunity Number: ONR BAA 06-025

5. Response Dates: Full Proposals are due no later than 2:00 p.m. EDT on 31 July 2006

6. Research Opportunity Description:

6.1 Background

Responses to this announcement are sought to investigate the feasibility and practicability of identifying, adapting, prototyping, integrating and demonstrating open access force protection and security technologies and processes to provide more open public access to recreational and other non restricted facilities on military bases, as well as improve the overall safety and security of military installations. Prior to 9/11, many military bases offered fairly open access to beaches, lakes, trails and other recreational areas to the public. In addition, military bases often played host to special events that were open to the public. Since 9/11, security concerns have severely limited use of military areas for public use, and in some cases this has created a hardship on the surrounding civilian population and adverse public relations. In addition, the increased use of conventional security techniques can hamper and sometimes constrain the ability of military installations to fully satisfy their mission objectives.

It is the intent of this research effort to explore and investigate innovative concepts based on new and existing technologies that can be adapted and integrated into a security solution that will allow access while ensuring a safe and secure environment at military installations. It is envisioned that the security solution will discriminate normal activity from unusual patterns and any precursor events that may be predictive of threat activities. These unusual patterns and precursor events need to be detected and identified in time to allow the on-base security force to anticipate, respond and interdict threats before they impact mission critical operations or cause harm to people and infrastructure. Achieving this level of security will require more than nominal point security measures currently in place at most military facilities. It will require an interactive system comprised of sensors, fusion processing, feature extraction, pattern and behavior recognition, visualization techniques, command and control, decision aids, data mining/knowledge management and other technologies and techniques. The research objective includes reducing overall cost and manpower required for providing the desired level of access and security. A key challenge is achieving the desired objective without impacting the expectation of personal privacy by individuals visiting these facilities.

An integration testbed will be implemented at the Pacific Missile Range Facility (PMRF) Base Protection Laboratory (BPL) for demonstrating candidate technologies, tools and processes and for data gathering to support technology evaluation and assessment. This testbed will serve as a technology incubator for testing and demonstrating novel approaches and innovative application of technologies to ultimately provide a comprehensive security solution. It is envisioned the PMRF BPL will combine

computational systems for sensor and data fusion, data/knowledge mining and behavioral analysis algorithms to provide both (1) a testbed to develop and experiment with novel, surveillance and anomalous detection based security systems and (2) a system for PMRF security personnel to use for improved detection and response to anomalous events.

This follow-on BAA is for Phase 2 of the PMRF BPL effort. The Phase 1 Concept Study consisted of two separate efforts to deliver alternate concept exploration, investigation and implementation of the PMRF BPL baseline effects model. The results of these awards were presented at an ONR hosted Industry Day on April 26, 2006, and will be available via the ONR website <http://www.onr.navy.mil/02/baa/> (under BAA 06-025).

It is the intent of the Government in Phase 2 to make one or more awards to perform one, two, or all of the following efforts: implement and support the integration testbed; investigate and implement data/sensor fusion and behavioral algorithms; and modify, adapt, install and integrate selected sensors. There will only be one integrator selected to develop and test a single system on the base. But it is anticipated that several ancillary awards will be made for specific sensors and behavioral analysis algorithms to be integrated into the single system.

It is the expectation of the Government that participants in Phase 2 will work with the testbed systems integrator and vice versa with standard non-disclosure agreements. Data assertions must be made per Section F of the Technical Proposal instructions.

Note: No contractor selected for the award of Phase 1 is restricted from participation in the competition of the additional Phases under this or any resultant follow-on BAA or RFP.

6.2 PBPL Phase 2

6.2.1 PBPL Integration Testbed

6.2.1.1 PBPL Design, Development, and Installation of a Computational Infrastructure

This effort will involve the design, development, and installation of a computational infrastructure for the integration, testing, and demonstration of the PBPL testbed. This includes communication and sensor interfaces, computational and storage resources, a user interface, system software, network infrastructure and other infrastructure required to support integration and demonstration of sensor and behavioral analysis hardware and software technologies. Key considerations are storage, bandwidth, processing power, and the flexibility, adaptability, extensibility, familiarity, and ease of use of an open architecture.

6.2.1.2 PBPL Test Planning, Data Collection, and Demonstrations

This effort includes generating test plans, data collection methods and demonstration scenarios with base security personnel and defining success criteria. This Phase will include the actual demonstration of the testbed against a variety of simulated and live incursions on the base and documenting the results against project objectives.

6.2.1.3 PBPL Systems Engineering

Systems Engineering – This effort will oversee all technical aspects of the project. This effort would include ensuring that all testbed hardware and software elements, sensor and algorithm interfaces are compatible and meet project objectives, that communication bandwidth is adequate to meet timing, information content, and reliability objectives, and overarching test planning, test execution, and the overall quality of all technical tasks.

6.2.2 PBPL Behavioral Analysis and Tracking Algorithm Design and Implementation

Design, develop, integrate, test, and demonstrate behavioral analysis algorithms to track and determine normal and anomalous behavior of trespassers, visitors, and base personnel. This Phase also includes coordination with the sensor(s) and testbed developer(s) to refine and optimize behavioral analysis algorithms to meet the objectives of the overall research project. The ability to quickly and accurately distinguish between normal and anomalous behavior suggesting malice is critical.

6.2.3 PBPL Design, Development, and/or Integration of Selected Sensors

Design, develop, integrate, test, and demonstrate the sensors that when integrated into the testbed will provide the information required to support the input requirements for behavioral analysis algorithms. Sensors must detect and provide information about events that can be correlated by the testbed to track and determine normal and anomalous behavior. Key considerations and trades between sensor choice and deployment are costs, area coverage and placement, environment, multi use, detection thresholds, information content and utility, bandwidth, and reliability. Sensors should be safe for both operators and those under surveillance.

6.3 Alternative Technology Solutions

The Phase I study results are intended as a guide to engage a broad research community to propose novel base security solutions that combine new advances in battlefield situational awareness and behavioral sciences creatively to enable a new security paradigm to balance the need for base security and community access to base facilities. The results presented at the Industry Day and on the web site <http://www.onr.navy.mil/02/baa/> (under BAA 06-025) are not considered the only solutions.

Contractors may also propose specific security solutions and approaches not specifically called out in the Phase I study presented at the Industry Day and are encouraged to submit proposals for those efforts as well.

6.4 Potential Future Research

After the prototype solution is demonstrated, exercised and evaluated, additional research may be funded to expand and improve the prototype capability. The following are candidate areas for future research:

Advanced Sensors – lower cost, improved fidelity, ease of installation, and less intrusive.

Increased Fidelity Behavior Models – improved detection, reduced false alarms, and decreased detection timeline.

Proactive Algorithms – predictive versus reactive detection.

Improved Human Interface – by visualization or other means to enable faster and more accurate reporting of anomalous behavior.

Adaptation to other Applications – other military situational awareness applications, commercial security, and home security.

6.5 Government Furnished Information

Phase 1 deliverables and data will be available via the ONR website <http://www.onr.navy.mil/02/baa/> (under BAA 06-025). After contract award, additional Government information will be provided by PMRF (maps, reports, existing infrastructure and other technical information) and by ONR (other generated data) in support of this effort.

As described in Section VII of this BAA, the Government will provide a facility at PMRF, Kauai, HI for the PBPL model and for any other required computational infrastructure. Utilities including telephone and internet connectivity will be provided to support the contractor team at the integration facility. All equipment authorized for purchase during any Phase will be Government property and will remain in the facility as part of the PBPL model.

7. Points of Contact:

Questions of a technical nature shall be directed to the Technical Point of Contact, as specified below:

Science and Technology Point of Contact:

Mr. David Masters
Program Officer
One Liberty Center
Office of Naval Research
875 North Randolph Street, Suite 1425
Arlington, VA 22203-1995
Telephone Number: (703) 696-4206
Facsimile Number: (703) 696-4274
Email Address: masterd@onr.navy.mil

Questions of a business nature shall be directed to the Business Point of Contact, as specified below:

Business Point of Contact:

Ms. Tia Belton, Contract Specialist
Code ONR 0253
Office of Naval Research
One Liberty Center
875 North Randolph Street
Arlington, VA 22203-1995
Telephone Number: (703) 696-0942
Facsimile Number: (703) 696-0066
Email Address: beltont@onr.navy.mil

8. Instrument Type:

It is anticipated that all awards resulting from this announcement will be contracts.

9. Catalog of Federal Domestic Assistance (CFDA) Numbers -

Not Applicable

10. Catalog of Federal Domestic Assistance (CFDA) Titles -

Not Applicable

11. Other Information:

Not Applicable

II. AWARD INFORMATION

Anticipated Award Information is as follows:

Total Amount of Funding Available: Phase II up to \$6.0M.

Anticipated Number of Awards: One or more Phase II Awards.

Anticipated Award Type: Awards will be in the form of CPFF contracts.

Anticipated Period of Performance for Award: Phase II up to 18 months.

III. ELIGIBILITY INFORMATION

Only U.S. owned and U.S. based firms and U.S. colleges and universities will be considered for award under this solicitation.

Independent organizations and teams are encouraged to submit proposals in any or all areas. However, Offerors must be willing to cooperate and exchange software, data and other information in an integrated program with other contractors, as well as with system integrators selected by ONR.

It is anticipated that the majority of the effort will be integrated and demonstrated at a Navy facility in Hawaii. For the purposes of this proposal, Offerors can assume the testbed and demonstrations will be conducted at the US Navy Pacific Missile Range Facility, Kauai, HI.

IV. APPLICATION AND SUBMISSION INFORMATION

1. Application and Submission Process:

Phase II Proposals - The due date for receipt of full Proposals for Phase II is 2 p.m. (Local Eastern Time) on 7/31/2006. It is anticipated that final selections will be made by 8/15/2006. As soon as the final proposal evaluation process is completed, each Offeror will be notified via email of its selection or non-selection for an award. Proposals exceeding the page limit may not be evaluated.

2. Content and Format of Full Proposals

Proposals submitted under the BAA are expected to be unclassified. Confidential/classified proposals are not permitted and will not be accepted or considered for award. The Proposal submissions will be protected from unauthorized disclosure in accordance with FAR 15.207, applicable law, and DoD/DoN regulations. Offerors are expected to appropriately mark each page of their submission that contains proprietary information.

Full Proposal Format – Volume 1 - Technical and Volume 2 - Cost Proposal

Full proposals shall consist of a technical proposal and a cost proposal. Volume 1, the Technical proposal, shall contain three separate sections: Section 1 for Technical Information and Approach, Section 2 for Qualifications, Past Performance and Experience and Section 3 for Management. The details of each section are described below. Volume 2 shall be the Cost Proposal.

- Paper Size – 8.5 x 11 inch paper (fold outs shall be counted as two pages)
- Font Size - no less than 10 point font
- Margins – 1” inch
- Spacing – Single or double spaced
- Copies – one (1) original, four (4) copies and four (4) electronic copies on CD-ROM disk for each volume (in Microsoft Word 97, Excel 97 compatible, Power Point 97 (if applicable) or .PDF format). The Technical and Cost proposals must be on separate CDROMs.
- Number of Pages – Volume I is limited to no more than 50 pages. Volume II has no page limit. Limitations within sections of the Technical Proposal are indicated in the individual descriptions below. The cover page and table of contents are excluded from the page limitations. Full proposals exceeding the page limit may not be evaluated.

The Cost proposal shall be separate and shall not be included with the Technical proposal. The Cost proposal CD-ROM shall be clearly labeled and separate from the Technical proposal CD-ROM. Offerors shall ensure that the CD-ROMs contain no viruses. If a submitted CD-ROM is unreadable or has a detected virus, the Government will not attempt to remove the virus or read the CD-ROM, but shall notify the offeror. The offeror shall be responsible to replace the CD-ROM within 5 days of notification.

Full Proposal Content

VOLUME 1: TECHNICAL PROPOSAL

The Technical Proposal shall contain the following:

Cover Page: This should include the words “Technical Proposal” and the following.

- (1) BAA Number;
- (2) Title of Proposal;
- (3) Identity of Prime Respondent and complete list of subcontractors, if applicable;
- (4) Technical Contact (name, address, phone, fax and email);
- (5) Administrative/Business Contact (name, address, phone, fax and email);
- (6) Duration of effort (separately identify the basic effort and any option), and
- (7) The cover page must be signed and dated

Table of Contents: Section, Title and page numbers are required.

A. Technical Approach

The Phase II proposal shall include the technical approach for implementing the Force Protection Laboratory model and identification and assessment of candidate technologies as described in paragraph 6 of this BAA solicitation. The proposal shall also describe how the approach will satisfy the overall research objectives.

B. Qualifications, Past Performance and Experience

This section shall include the following:

- For all key members of the proposed Team, including but not limited to the Project Manager(s) and Principal Technical Investigator(s), provide for each person his name, title, and a paragraph describing area of expertise/relevant experience, qualifications, and capabilities along with roles and responsibilities for the proposed project. If subcontracting significant elements of the proposed work, identify companies by name, each company's area(s) of responsibility with respect to this project, the names and titles of key individuals, along with their area(s) of expertise (if different than title) and the individuals' roles and responsibilities for this proposed effort. The offeror shall provide resumes of proposed key personnel to be utilized by the contractor/subcontractor in the performance of this contract.
- A description of offeror's past performance on similar technical efforts, indicating contract values, contacts, and contact phone numbers. Past performance information should also include cost/price performance information including those internal controls that ensured the offeror did not exceed the cost/price. If costs were exceeded or prices were adjusted, provide the reasons and state the systemic improvement actions taken and current controls now in place to prevent future recurrences.

C. Management

Describe the planned management and administrative organization for the effort. This section shall include the following:

- An organization chart with solid lines delineating direct reports & and dashed lines delineating inter-team coordination, with key personnel identified by title/area of expertise. If sub-contracting significant elements of the proposed work, show the subcontracting reporting relationships and area of expertise.
- Proposed planning, scheduling and available resources (both personnel and facilities) for the effort. Describe what management practices and techniques will be employed to ensure that responsive, proactive management oversight is maintained; especially if geographically dispersed operations are proposed.
- Describe the processes used to identify and mitigate risks throughout the project.

- Utilization of Hawaii based companies and resources. Customs and practices within the Hawaiian Islands impact the operational norms on government facilities in the area, including PMRF. Thus some use of local Hawaiian firms should help to accomplish the research goals of this BAA.

Statement of Work: A Statement of Work (SOW) clearly detailing the scope and objectives of the effort and the technical approach. It is anticipated that the proposed SOW will be incorporated as an attachment to the resultant award instrument. To this end, such proposals must include a severable self-standing SOW without any proprietary restrictions, which can be attached to the contract or agreement award. Include a detailed listing of the technical tasks/subtasks organized by month.

Project Schedule and Milestones: A summary of the schedule of events and milestones.

Assertion of Data Rights: Include a summary of any proprietary rights to pre-existing results, prototypes or systems supporting and/or necessary for the use of the research, results and/or prototypes. Any rights asserted in other parts of the proposal that would impact the rights in this section must be cross-referenced. If there are proprietary rights, the Offeror must explain how these affect its ability to deliver any materials, hardware, software, and documentation and materials developed under Phase II to the Government. In addition, Offerors must explain how the program goals are achieved in light of these proprietary and/or restrictive limitations. If there are no claims of proprietary rights in pre-existing data, this section shall consist of a statement to that effect. Data Rights should be asserted in accordance with DFARS 252.227-7013 or its alternate. The full text of this clause may be assessed electronically at the following web address:
http://farsite.hill.af.mil/farsite_script.html

Deliverables: All offerors shall clearly identify the deliverables that will be provided to the Government at the completion of the Phase II contract.

VOLUME 2: COST PROPOSAL

The Cost Proposal shall consist of a cover page and two parts. Part 1 will provide a detailed cost breakdown of all costs, by cost category, by Government fiscal year and Part 2 will provide a cost breakdown by task/sub-task, corresponding to the task numbers in the proposed Statement of Work. The Option must be separately priced.

Cover Page: The use of SF 1411 is optional. The words “Cost Proposal” should appear on the cover page in addition to the following information:

- BAA Number;

- Title of Proposal;
- Identity of Prime Respondent and list of subcontractors, if applicable;
- Technical Contact (name, address, phone, fax and e-mail);
- Administrative/Business Contact (name, address, phone, fax and e-mail);
- Duration of effort (separately price the basic effort and the option);
- Names, phone numbers and e-mail addresses of DCMA and DCAA Points of Contacts; and
- Whether the proposal includes DCAA approved Forward Pricing Rate Agreement (FPRA) direct and indirect rates.

Part 1: Detailed breakdown of all costs, by cost category, by Government fiscal year:

- Direct Labor – Individual labor category or person with associated labor hours and unburdened direct labor rates;
- Indirect Costs – Fringe Benefits, Overhead, G&A, COM, etc. (must show base amount and rate);
- Proposed contractor-acquired equipment, such as computer hardware for proposed research projects, should be specifically itemized with costs or estimated costs. An explanation of any estimating factors, including their derivation and application, shall be provided. Where possible, indicate purchasing method (competition, price comparison, market review, etc.);
- Travel – Numbers of trips, destinations, duration, etc;
- Subcontracts – A cost proposal as detailed as the Offeror's cost proposal will be required to be submitted by the subcontractor. The subcontractor's cost proposal can be provided in a sealed envelope with the Offeror's cost proposal or will be requested from the subcontractor at a later date;
- Consultant – Provide consultant agreement or other document which verifies the proposed loaded daily/hourly rate;
- Materials – Specifically itemized by cost. An explanation of any estimating factors including their derivation and application, shall be provided. Where possible, indicate purchasing method, (competition, engineering estimate, market survey, etc.); and
- Fee, including fee percentage

Part 2 : Cost breakdown by task/sub-task using the same task numbers in the Statement of Work.

3. Significant Dates and Times

ANTICIPATED SCHEDULE

<u>EVENT</u>	<u>DATE (MM/DD/YEAR)</u>	<u>TIME (EDT)</u>
Phase II Technical and Cost Proposals Due	30 July 2006	2:00 P.M.
Notification of Selection for Award	*15 August 2006	2:00 P.M.
Contract Awards	30 September 2006	2:00 P.M.

*Estimated date of notification

BAA Questions: Questions regarding this BAA must be submitted to the Technical and Business POC identified in Section 7 no later than 72 hours before proposals are due. Questions submitted after that time will not receive responses.

4. Submission of Late Proposals

Any proposal, modification or revision that is received at the designated Government office after the exact time specified for receipt of proposals is “late” and will not be considered unless it is received before award is made, the contracting officer determines that accepting the late proposal would not unduly delay the acquisition **AND**:

(a) If it was transmitted through an electronic commerce method authorized by the announcement, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(b) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of proposals and was under the Government’s control prior to the time set for receipt of proposals; or

(c) It was the only proposal received.

However, a late modification of an otherwise timely and successful proposal, that makes its terms more favorable to the Government, will be considered any time it is received and may be accepted.

Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the Government office designated for receipt of proposals by the exact time specified in the announcement, urgent Government requirements preclude amendment of the announcement closing date, the time specified for receipt of proposals will be deemed to be extend to the same time of day specified in the announcement on the first work day on which normal Government processes resume.

The Contracting Officer must promptly notify any offeror if its proposal, modifications or revision was received late, and must inform the offeror whether its proposal will be considered.

NOTE: Due to changes in security procedures since September 11, 2001, the time required for hard-copy written materials to be received at the Office of Naval Research

has increased. Thus it is recommended that any hard-copy proposal be mailed several days before the deadline established in the solicitation so that it will not be received late and thus be ineligible for award consideration.

5. Address for the Submission of Proposals

Office of Naval Research
Attn: Tia Belton, ONR 0253
One Liberty Center
875 North Randolph Street
Arlington, VA 22203-1995
Telephone Number: (703) 696-0942
Facsimile Number: (703) 696-0066
Email Address: belton@onr.navy.mil

NOTE: PROPOSALS SENT BY FAX OR E-MAIL WILL NOT BE CONSIDERED.

V. EVALUATION INFORMATION

1. Evaluation Criteria

The following evaluation criteria apply. Proposals will be selected through a technical/scientific/business decision process with technical and scientific considerations being most important. Criteria A-D are listed in descending order of priority. Any subcriteria listed under a particular criterion are of equal importance to each other.

A. Overall scientific and technical merits of the proposal

1. Proposed level of Government ownership. The extent to which the Government will have full intellectual property rights, or at least unlimited government purpose intellectual property rights to the deliverables received. If the proposal includes proprietary restrictions on Government use of intellectual property, the proposal shall show how components with restricted intellectual property rights are integrated and operate;
2. The degree of innovation and soundness of the technical approach;
3. The Offeror's awareness of the state-of-the-art and understanding of the scope of the problem and the technical effort needed to address it;
4. Potential relevance and contributions of the effort to research objectives, ease of adaptability/expandability to additional sensors, system software, and anomaly detection algorithms; and the extent of coverage and level of system performance.

B. Offeror's capabilities, related experience, and past performance, including the qualifications, capabilities and experience of the proposed personnel.

1. The quality of technical personnel proposed;

2. The Offeror's experience in relevant efforts with similar resources.

C. Management

1. The ability to manage the proposed effort (planning, scheduling, resources, management practices and techniques with a succinct, factual description of how achievement of goals will be managed);
2. Processes to identify and mitigate risks where the relationship between cost and milestone achievement is defined;
3. The Offeror's use of local companies and resources to facilitate accomplishment of the research goals.

D. The realism and reasonableness of the proposed cost.

For proposed awards to be made as contracts to large businesses, the socio-economic merits of each proposal will be evaluated based on the extent of the Offeror's commitment in providing meaningful subcontracting opportunities for small businesses, small disadvantaged businesses, woman-owned small businesses, HUBZone small businesses, veteran-owned small businesses, service disabled veteran-owned small businesses, historically black colleges and universities, and minority institutions.

2. Evaluation Panel

Proposal evaluations will be performed by a team of Government technical experts. The Government may use selected support contractor personnel as technical advisors to the Government evaluators. Contractor personnel may also provide administrative assistance in the handling of proposals. All contractor personnel will be bound by appropriate non-disclosure agreements to protect proprietary and source-selection sensitive information.

VI. AWARD ADMINISTRATION INFORMATION

1. Administrative Requirements

- The North American Industry Classification System (NAICS) code – The North American Industry Classification System (NAICS) code for this announcement is 54710 with a small business size standard of 500.

- CCR – Successful offerors not already registered in the Central Contractor Registry (CCR) will be required to register in CCR prior to award of any contract. Information on CCR registration is available at <http://www.onr.navy.mil/02/ccr.htm>

- Certifications – Proposals should be accompanied by a completed certification package which can be accessed on the ONR Home Page at Contracts & Grants. For contract proposals, the certification package is entitled, "Representations and Certifications for Contracts."

- Online Representations and Certifications Application (ORCA) – In addition to the submission of ONR specific Representations and Certifications, successful offerors not already registered in ORCA will be required to register prior to award of any contract. Information on ORCA registration is available at <http://orca.bpn.gov>.

- Subcontracting Plans – Successful contract proposals that exceed \$500,000, submitted by all but small business concerns, will be required to submit a Small Business Subcontracting Plan in accordance with FAR 52.219-9, prior to award.

- Any Government technical information relevant to this effort will be provided only to those contractors who are registered and certified with the Defense Logistics Service Center (DLSC). Contact the Defense Logistics Service Center, 74 Washington Avenue N., Battle Creek Michigan 49917-3084 (1-800-352-3572) for further information regarding the certification process. Contractors must submit a copy of their approved DD Form 2345, Military Critical Technical Data Agreement, with their proposal.

- This acquisition potentially involves data that is subject to export control laws and regulations. The following clause will be incorporated into any resultant contract.
NAVAIR 5252.227-9507 NOTICE REGARDING THE DISSEMINATION OF EXPORT-CONTROLLED TECHNICAL DATA (JAN 1992)

- (a) Export of information contained herein, which includes release to foreign nationals within the United States, without first obtaining approval or license from the Department of State for items controlled by the International Traffic in Arms Regulations (ITARs), or the Department of Commerce for items controlled by the Export Administration Regulations (EAR), may constitute a violation of law.

- (b) For violation of export laws, the contractor, its employees, officials or agents are subject to:

- (1) Imprisonment and/or imposition of criminal fines; and

- (2) Suspension or debarment from future Government contracting actions.

- (c) The Government shall not be liable for any use or misuse of the information, technical data or specifications in this contract. It shall not be liable for any patent infringement or contributory patent infringement. The Government neither warrants the adequacy nor the completeness of the information, technical data or specifications in this contract.

- (d) The contractor shall include the provisions of paragraphs (a) through (c) above in any subcontracts awarded under this contract.

- Offerors should state that their proposals will be valid for 180 days from submission.

2. Phase II Reporting and Deliverables

The following deliverables, primarily in contractor format, are anticipated as necessary.

- Hardware, including supporting sensors, interconnect, computational, storage, and supporting elements
- Hardware architecture and interconnect drawings and supporting details
- Hardware configuration description
- Software
- Software source codes and module level documentation
- Software executable codes
- Application Programming Interface (API)
- User manuals
- Software functional description document
- Software configuration description
- Software installation manuals
- Executable or binaries complete with software libraries
- Execution plan
- Monthly Technical and Financial Progress Reports, to include progress, plans, and issues.
- Presentation Material(s)
- Final Technical Report

NOTE: Specific deliverables (that may include software and hardware deliverables) should be proposed by each Offeror and finalized during negotiations. At the discretion of the Government, a kickoff meeting and regular technical reviews may be scheduled to assess the direction and progress of the project.

VII. OTHER INFORMATION

1. Government Property, Government Furnished Equipment (GFE) and Facilities

Each offeror must provide a very specific description of any equipment/hardware that it needs to design, develop, and/or acquire to perform the work. This description should indicate whether or not each particular piece of equipment/hardware will be included as part of a deliverable item under the resulting award. Also, this description should identify the component, nomenclature, and configuration of the equipment/hardware that it proposes to purchase for this effort. It is the Government's desire to have the contractor purchase the equipment/hardware for deliverable items under their contract. The purchase on a direct reimbursement basis of special test equipment or other equipment that is not included in a deliverable item will be evaluated on a case-by-case basis. Maximum use of Government integration, test, and experiment facilities is encouraged in each of the Offeror's proposals. All equipment authorized for purchase will be Government property and will remain in the facility as part of the integration testbed. The Government will provide a facility at PMRF, Kauai, HI to house, operate, and modify the integration testbed. A PMRF base program liaison manager will be available to work with the

contractor(s) to coordinate physical installation, communications, and other information necessary to design, develop, install, test and demonstrate the PFPL. Utilities including power, telephone and internet connectivity will be provided to support the contractor team at the integration facility.

2. Security Classification

For performance of this contract effort, a contractor must be able to obtain and maintain a facility security clearance and a safeguarding level up to and including secret. A DD Form 254, Contract Security Classification Specification, is applicable.

In order to facilitate intra-program collaboration and technology transfer, the Government will attempt to enable technology developers to work at the unclassified level to the maximum extent possible.

If developers use unclassified data in their deliveries and demonstrations regarding a potential classified project, they should use methods and conventions consistent with those used in classified environments. Such conventions will permit the various subsystems and the final system to be more adaptable in accommodating classified data in the transition system.

3. Department of Defense High Performance Computing Program

The DoD High Performance Computing Program (HPCMP) furnishes the DoD S & T and DT & E communities with use-access to very powerful high performance computing systems. Awardees of ONR contracts, grants, and assistance instruments may be eligible to use HPCMP assets in support of their funded activities if ONR Program Officer approval is obtained and if security/screening requirements are favorably completed. Additional information and an application may be found at <http://www.hpcmo.hpc.mil/>.